

Notice of Allowability

Application No.

09/881,458

Applicant(s)

LITTLE ET AL.

Examiner

Brian J. Detwiler

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 13 June 2005.
2. ☒ The allowed claim(s) is/are 1-5, 7-12, 14-20 and 22-29.
3. ☒ The drawings filed on 14 June 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Leslie Van Leeuwen on 17 August 2005.

The application has been amended as follows:

Replace the following claims:

1. A method for providing customized screen refresh functions, said method comprising:

providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

retrieving one or more first customizable refresh settings, wherein the first customizable refresh settings correspond to a first refresh mode selected from the plurality of user-selectable refresh modes;

comparing the first customizable refresh settings with corresponding system event data; and

refreshing a display screen in response to the comparing,

wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override

mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing.

8. The method as described in claim 1 further comprising:
receiving one or more refresh setting values from the user, each of the refresh setting values corresponding to at least one of the first customizable refresh settings; and
storing the refresh setting values.

9. An information handling system comprising:
one or more processors;
a memory accessible by the processors;
a nonvolatile storage area accessible by the processors;
a display screen accessible by the processors;
an input device capable of receiving input from a user corresponding to data displayed on the display screen; and

a customizable screen refresh tool to control a refresh of the display screen, the customizable screen refresh tool including:

selection logic for providing a plurality of user-selectable refresh modes,
including a manual refresh mode, a manual override mode, and an automatic refresh mode;

retrieval logic for retrieving one or more first customizable refresh settings,
wherein the first customizable refresh settings correspond to a first refresh mode selected from the plurality of user-selectable refresh modes;

comparison logic for comparing the first customizable refresh settings with corresponding system event data; and

display control logic for refreshing the display screen in response to the comparison, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing.

15. The information handling system as described in claim 9 further comprising:
input processing logic for receiving one or more refresh setting values from the user, each of the refresh setting values corresponding to at least one of the first customizable refresh settings; and
storage logic for storing the refresh setting values on the nonvolatile storage area.

16. A computer program product stored on a computer operable medium for providing customized screen refresh functions, said computer program product comprising:

means for providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

means for retrieving one or more first customizable refresh settings, wherein the first customizable refresh settings correspond to a first refresh mode selected from the plurality of user-selectable refresh modes;

means for comparing the first customizable refresh settings with corresponding system event data; and

means for refreshing a display screen in response to the comparing, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing.

23. The computer program product as described in claim 16 further comprising:

means for receiving one or more refresh setting values from the user, each of the refresh setting values corresponding to at least one of the first customizable refresh settings; and

means for storing the refresh setting values.

24. A method for providing customized screen refresh functions, said method comprising:

providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

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retrieving one or more customizable refresh settings;
comparing the customizable refresh settings with corresponding system event data;
refreshing a display screen in response to the comparing, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing;
invoking one of the user-selectable refresh modes, wherein the invoked refresh mode includes the customizable refresh settings; and
displaying a refresh icon on the display screen that identifies the invoked refresh mode.

25. A method for providing customized screen refresh functions, said method comprising:
providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;
retrieving one or more customizable refresh settings, wherein the customizable refresh settings correspond to a first refresh mode selected from the plurality of user-selectable refresh modes;

comparing the customizable refresh settings with corresponding system event data;

refreshing a display screen in response to the comparing, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing;

receiving one or more refresh setting values from [[a]] the user, each of the refresh setting values corresponding to at least one of the customizable refresh settings; and

storing the refresh setting values.

26. An information handling system comprising:

one or more processors;

a memory accessible by the processors;

a nonvolatile storage area accessible by the processors;

a display screen accessible by the processors;

an input device capable of receiving input from a user corresponding to data displayed on the display screen; and

a customizable screen refresh tool to control a refresh of the display screen, the customizable screen refresh tool including:

selection logic for providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

retrieval logic for retrieving one or more first customizable refresh settings, wherein the first customizable refresh settings correspond with a first refresh mode selected from the plurality of user-selectable refresh modes;

comparison logic for comparing the customizable refresh settings with corresponding system event data;

display control logic for refreshing the display screen in response to the comparison, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing; and

control logic for changing from the first refresh mode to a second refresh mode in response to the comparison, wherein the second refresh mode is selected from the plurality of user-selectable refresh modes and wherein the changing includes means for retrieving one or more second customizable refresh settings corresponding to the second refresh mode.

27. An information handling system comprising:

one or more processors;

a memory accessible by the processors;

a nonvolatile storage area accessible by the processors;

a display screen accessible by the processors;

an input device capable of receiving input from a user corresponding to data displayed on the display screen; and

a customizable screen refresh tool to control a refresh of the display screen, the customizable screen refresh tool including:

selection logic for providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

retrieval logic for retrieving one or more customizable refresh settings, wherein the customizable refresh settings correspond to a first refresh mode selected from the plurality of user-selectable refresh modes;

comparison logic for comparing the customizable refresh settings with corresponding system event data;

display control logic for refreshing the display screen in response to the comparison, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing;

input processing logic for receiving one or more refresh setting values from the user, each of the refresh setting values corresponding to at least one of the customizable refresh settings; and

storage logic for storing the refresh setting values on the nonvolatile storage area.

28. A computer program product stored on a computer operable medium for providing customized screen refresh functions, said computer program product comprising:

means for providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

means for retrieving one or more customizable refresh settings;

means for comparing the customizable refresh settings with corresponding system event data;

means for refreshing a display screen in response to the comparing, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing;

means for invoking one of the user-selectable refresh modes, wherein the invoked refresh mode includes the customizable refresh settings; and

means for displaying a refresh icon on the display screen that identifies the invoked refresh mode.

29. A computer program product stored on a computer operable medium for providing customized screen refresh functions, said computer program product comprising:

means for providing a plurality of user-selectable refresh modes, including a manual refresh mode, a manual override mode, and an automatic refresh mode;

means for retrieving one or more customizable refresh settings, wherein the customizable refresh settings correspond to a first refresh mode selected from the plurality of user-selectable refresh modes;

means for comparing the customizable refresh settings with corresponding system event data;

means for refreshing a display screen in response to the comparing, wherein while in the manual refresh mode, the refreshing is performed in response to a user selecting a refresh icon, while in the automatic refresh mode, the refreshing is performed in response to the comparing, and while in the manual override mode, the refreshing is performed manually until one or more trigger levels are reached that cause the refreshing to be done in response to the comparing;

means for receiving one or more refresh setting values from the user, each of the refresh setting values corresponding to at least one of the customizable refresh settings;

and

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means for storing the refresh setting values.

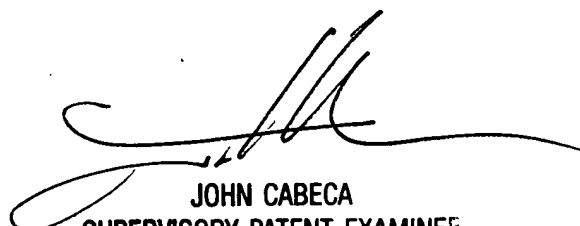
Reasons for Allowance

The following is an examiner's statement of reasons for allowance: In combination with the claimed subject matter, the prior art does not teach or fairly suggest a plurality of user-selectable refresh modes including a manual refresh mode, a manual override mode, and an automatic refresh mode. The closest prior art, Rezvani and Holden, teach user selectable automatic and manual refresh modes. Holden, for instance, teaches in Figure 4A a user selectable option for refreshing a display manually or automatically at particular intervals. Neither Holden nor Rezvani, however, discloses an additional manual override mode in which the refresh mode is manual until one of a plurality of trigger levels is reached.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian J. Detwiler whose telephone number is 571-272-4049. The examiner can normally be reached on Mon-Thu 8-5:30 and alternating Fridays 8-4:30.



JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca can be reached on 571-272-4048. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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